**Dynamically generate a webpage from user**

request using OpenAI Structured Output (1)

What does this do?

* **Listens for a User Request:**  
  A webhook receives a user’s HTTP request that includes a query (e.g., "a signup form" or any idea for a webpage).
* **Generates Structured UI Data with AI:**  
  The workflow sends the query to OpenAI (using the GPT-4o model) with a structured output format. The AI returns a JSON object that outlines UI components (like divs, buttons, labels, and attributes using Tailwind CSS).
* **Converts JSON to HTML:**  
  Another OpenAI node then converts that JSON into raw HTML, ensuring that the output follows a specific structure (including a page title and the HTML content).
* **Wraps HTML in a Complete Page:**  
  The HTML node takes the converted HTML and wraps it in a full HTML document template with proper meta tags and links to Tailwind CSS for styling.
* **Sends the Final Page to the User:**  
  Finally, the “Respond to Webhook” node sends this dynamically generated HTML page back as the response.